1. Drawbacks of using Web components

The main drawback of using web components using angular is the bundle size as the component comprises of all dependencies in single file only.

Impact advantages and disadvantages with respect to actual project

The impact will depend on following factors:

* Code refactoring needs to be done in individual modules (e.g. users, locations, resources) to make sure the data is properly communicated between static HTML page & modules.
* Need to make sure that events are properly captured for data communication to and from the modules

Depending on above factors, the pros and cons will be as below:

* Pros:
  + Distributed module components
  + All components can be reused seamlessly.
* Cons:
  + Currently our application is in Angular 6. The POC is created in Angular 11. Hence migration of existing components will be additional task.
  + Code maintainability –The code needs to be maintained at 2 places, as in initial phase the code will not be removed from web app when components are included in link. Hence in case if any functionality needs to be added or modified, the change will be required at both places.
  + Initially it will be time consuming task to make sure that each component is exported properly. This time will be required to make sure that the data and events are transmitted properly between components